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In earlier papers I provided a way to give meaning to physicists’ statements such as “a sequence of matrix algebras of increasing dimension converge to the 2-sphere” (or to other spaces). This involved giving the matrix algebras the structure of non-commutative metric spaces, and then developing suitable types of non-commutative Gromov-Hausdorff distance (using “bridges”) for which I could then prove convergence of the matrix algebras. But the types of Gromov-Hausdorff distance that I developed had flaws. Very recently Latremoliere introduced a substantially better type of Gromov-Hausdorff distance, which he calls “propinquity”. I will describe a somewhat general framework that is very convenient for applying Latremoliere’s theory to the matrix algebra situation. I will also describe a matricial form of this framework. A matricial form is needed for working with “vector bundles” (projective modules) over non-commutative metric spaces that are close together for Gromov-Hausdorff distance. (Received August 21, 2014)